Exercise 1 *Combine the polynomials and simplify.*

$f(x) = ((2x^3 + x + 5) - (3x^3 + x^2 + 3x - 2)) + (x^3 + 2x + 2)$

$f(x) = \boxed{0}\, x^3 + \boxed{1}\, x^2 + \boxed{0}\, x + \boxed{9}$